

GEOLOGY, B.S.

Course	Title	Semester Credit Hours
Freshman Year		
Semester 1		
ENGL 1301	Rhetoric and Composition	3
GEOL 1303 & GEOL 1103	Physical Geology and Physical Geology Laboratory	4
HIST 1301	American History to 1877	3
UNIV 1201	Learning in Global Context	2
Creative arts (https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#creative)		3
Semester Credit Hours		15
Semester 2		
ENGL 1302	Rhetoric and Composition	3
GEOL 1304 & GEOL 1104	Historical Geology and Historical Geology Lab	4
HIST 1302	American History since 1877	3
Communications (https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#communication)		3
Semester Credit Hours		13
Sophomore Year		
Semester 1		
GEOG 2472	Intro to Geographic Info Sys	4
MATH 2413	Calculus I	4
POLS 2301	Government and Politics of US	3
Lang/Phil/Culture (https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#language)		3
Semester Credit Hours		14
Semester 2		
CHEM 1311 & CHEM 1111	Gen Inorganic Chemistry I and Gen Inorganic Chem Lab I	4
POLS 2302	Government and Politics of TX	3
Social/Behavioral (https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#social)		3
Elective		3
Minor ¹		3
Semester Credit Hours		16
Junior Year		
Semester 1		
GEOG 3421	Geomorphology	4
GEOL 3409	Mineralogy	4
GEOL 3431	Stratigraphy and Sedimentology	4
Minor ¹		3
Semester Credit Hours		15
Semester 2		
GEOL 3407 & GEOG 3450	and Field Mapping Cartography	4
GEOL 3411	Petrology	4
GEOL 3481	Structural Geology	4
GEOL 4311	Field Course I (WI) ²	3
Semester Credit Hours		15

Senior Year**Semester 1**

GEOG 4435	Remote Sensing	4
GEOL 4312	Field Course II (WI)	3
PHYS 2325 & PHYS 2125	University Physics I and University Physics I Lab	4
Minor ¹		3
Minor or Elective ¹		3
Semester Credit Hours		17

Semester 2

GEOL 4213	Industry Geotech Training (WI)	2
GEOG or GEOL, adv.		4
GEOL, adv.		3
Minor, adv. ¹		3
Minor, adv. ¹		3
Semester Credit Hours		15
Total Credit Hours Required:		120

¹ Or any other mathematics, natural science, engineering or computer science course, provided a recognized minor is completed. Courses in other supporting areas may also be substituted with departmental approval. Non-advanced courses may be substituted for those marked "adv." provided the student will otherwise complete 45 advanced hours including those required in a minor.

² Usually offered in Intersession.